THE DATALINE SERIES

100 Base-T Isolation Range

Features
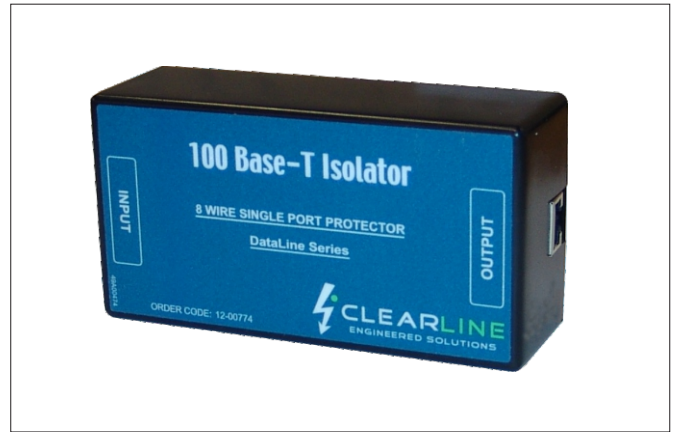
- Galvanic isolation, eliminates ground potential differences
- Each pair supports 100Mbits/s
- Very low insertion loss and crosstalk

Protects fast ethernet LAN equipment such as hubs, switches and network interface cards from induced lightning and ground potential differences by galvanically isolating the connected equipment.

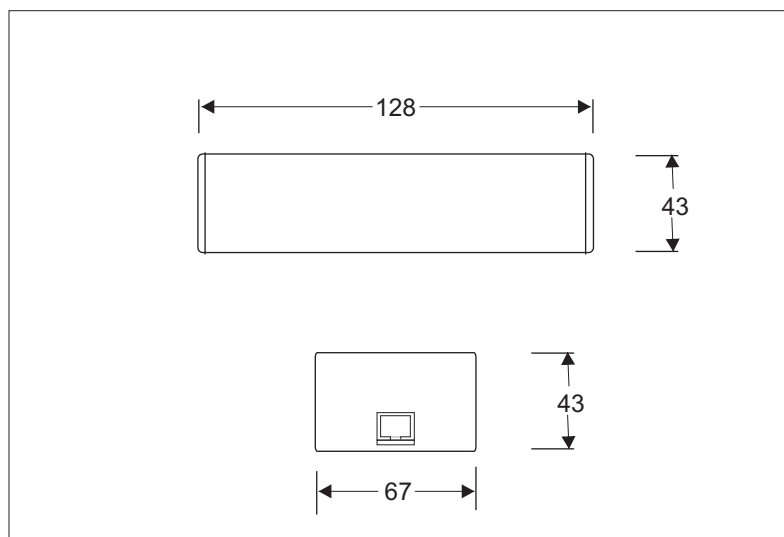Supports the 4 wire 10 Base T configuration and 8 wire 100 Base T isolation.

100 Base T units are backwards compatible to 10 Base T systems.

Comes with RJ45 Cable

Specifications	Single port		
Isolation	14kV		
Max. discharge current differential mode	2.5kA (8/20)		
Pairs isolated (8 wire)	1-2 & 3-6 & 4-5 & 7-8		
Data rate	>100Mbits/s		
Standards compliance	Fast ethernet 802.3U, IEC 11801 and IEEE 802.3		
Test frequencies in Mhz	**20**	**62.5**	**100**
Insertion loss in dB (with 2 RJ45 sockets)	-0.6	-0.8	-1.1
Next (limits as per IEC 11801)	-5.3 (35)	51.8 (27)	-46.3 (24)
Return loss (limits as per IEC 11801)	-25.3 (15)	-21.9 10)	-16 (10)

Dimensions

128

43

43

67

CLEARLINE
THE ELECTRONIC PROTECTION COMPANY